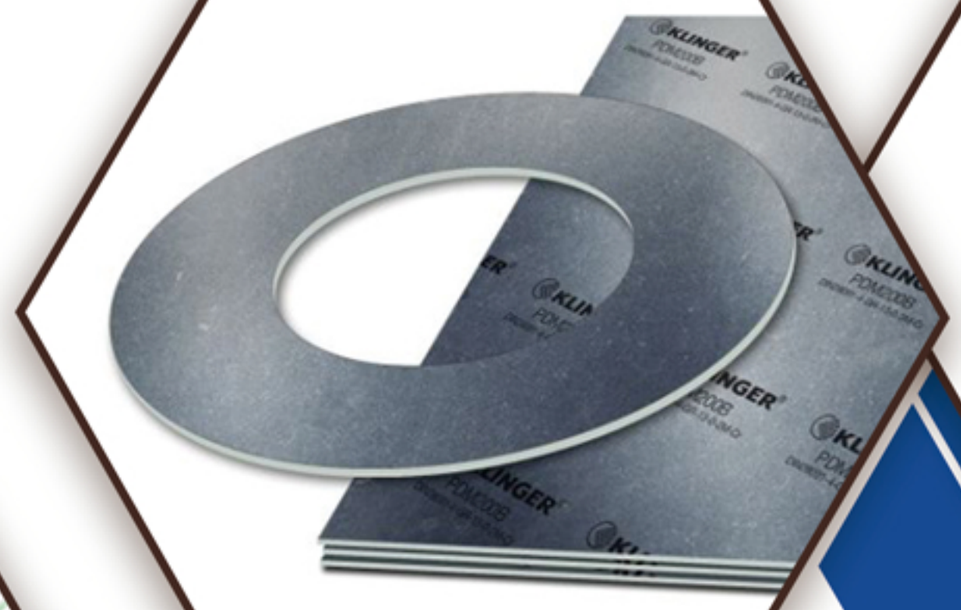
MHS

PREMIUM INDUSTRIAL SOLUTIONS

















MH SHAH
& COMPANY *Since 1975*

KIMMCO ISOVER SAINT-GOBAIN · IZOCAM · THERMOBREAK Thermal & Acoustic Insulation · ROCKWOOL · AFS · MUELLER INDUSTRIES · Honeywell · HOFLAND CERAMIC WOOL · KLINGER · SAN OU CHUCK · ABRD INDUSTRIES, INC. · WIKA



MR. MAQSOOD SHAH
CEO

At the core of our organization lies a strong dedication to deliver exceptional products to our clients, leveraging our technical project management expertise. We are actively implementing strategic measures to fortify our market position, enhance sales, and secure long-term growth prospects.

Since 1975, we have taken great pride in being authorized importers and distributors for nearly 20 esteemed global brands. Our affiliation with the “HVACR Society” has resulted in numerous accolades, including trophies and medals bestowed upon us during exhibitions and seminars, solidifying our reputation. Our vision entails shaping a brighter future by transforming the energy landscape and nurturing self-sufficient communities in the areas where we operate.

We possess notable strategic advantages, a well-established brand, enduring values, a dedicated workforce, and a promising trajectory ahead. We extend a warm invitation to all our clients to be part of our journey towards shaping this future. As always, we highly value our client’s feedback, as it guides us in better serving them and their companies.

Our mission centers on delivering high-quality HVAC and other industrial products while adhering to stringent standards of quality, safety, and environmental responsibility. Through professionalism, ethical conduct, superior product offerings, and excellent customer service, we aim to benefit our customers, our nation, and society as a whole.

We have been privileged to participate in renowned international and national exhibitions, where we have been honored with prestigious awards. MH SHAH & COMPANY remains committed to pursuing excellence despite the ever-increasing challenges we face.



MR. SAAD SHAH
DIRECTOR

Our core belief is that sheer dedication to innovation and effective execution is the cornerstone of success. At MHS, we are deeply committed to incorporating innovation into our products & services. Innovation, in essence, entails the pursuit of better and smarter ways of doing things.



MHS - PREMIUM INDUSTRIAL SOLUTIONS

Established in 1975, MHS started as a small company specializing in the importation of Thermal and Acoustic Insulation Material. Since then, we have undergone significant growth and emerged as one of Pakistan's leading trading and distribution companies for relevant industries. Our portfolio now includes renowned brands that offer top-notch quality and cutting-edge technology in equipment and raw materials.

At MHS, our primary objective is to introduce the latest technological advancements and innovative products from the prestigious companies we represent in Pakistan. Through our commitment to ethical business practices, we have earned a reputation as the most trustworthy and respected organization in the country.

Our stellar reputation in Pakistan's industrial market can be attributed to our proactive marketing strategies, firm dedication, strong commitment to customer satisfaction, efficient services, and unwavering focus on maintaining high-quality standards.



VISION

To become a top-notch enterprise and premier supplier of quality industrial products and services.

MISSION

To establish lifelong relationships with our clients while providing top quality service and being relevant in their lives forever. MHS strongly believes in keeping social responsibility intact with our mission.

OBJECTIVES

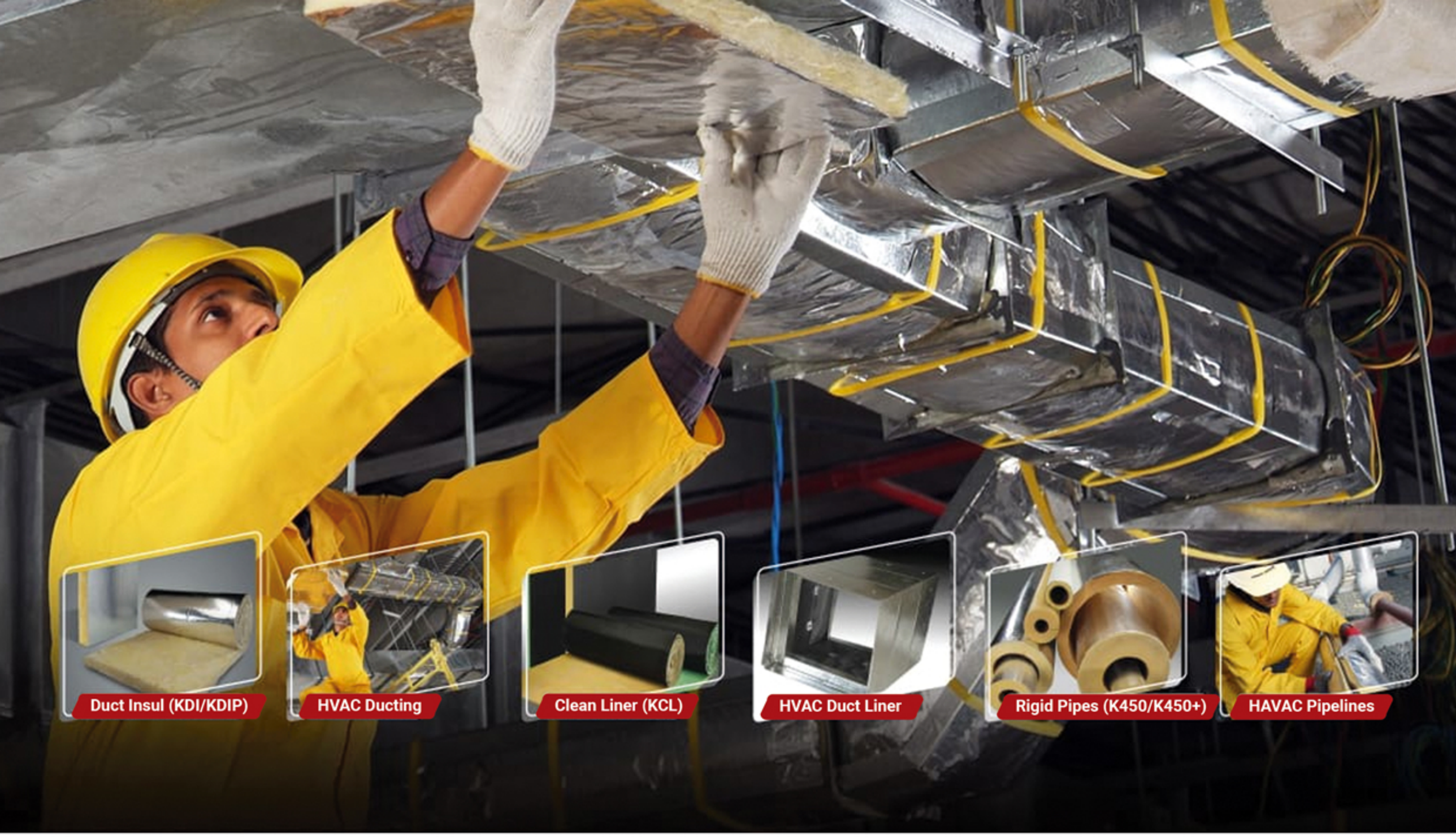
- Secure the interest of the share holders.
- Profit maximization via value added products and cost-cutting strategy.
- Capture maximum share of the market by increasing our customer base.

QUALITY POLICY

The Quality Policy is established upon three core values.

- Making sure that we completely identify and comply with the needs of our clients.
- Analyzing our service provision, recognizing the potential for errors, and taking the necessary measures to eliminate them.
- Everyone at MHS strives to do their job right first time.

In accordance with this policy, we pledge to run our business under the guidelines and supervision of a quality management system that was designed and planned in line with our overall management functions.
As part of this policy, the Board will set, determine, and monitor objectives to ensure that the requirements of this policy are met and that continual improvement is maintained.



INSULATION MATERIAL

Insulation serves as a barrier to heat absorption and loss, particularly in roofs and ceilings, walls and floors. When it comes to improving a building's energy efficiency, insulation is typically the most practical and cost-effective choice. Maintaining a cooler temperature in summers and a bit warmer in winter, whereas reducing energy consumption by up to 46%.

GLASS WOOL

Glass Wool Blanket rolls are used for premium thermal insulation of Houses, Commercial Buildings, Pre-engineered Buildings, Marquees, Steel Sheds, Factories and other Commercial Areas. It is also recommended by consultants/architects for premium acoustic insulation, or it can be used in Cinemas, Studios, Home Theaters, and other Commercial Projects.



These rolls are produced by using finest and durable glass fibers that are bonded together by high temperature binder. Depending upon the user requirement and the application, there are different sorts of glass wool:

- Un-Faced Glass Wool (Plain) that can resist 230 C
- FSK or Foil Scrim Kraft Glass Wool (with Aluminum Foil), this Foil can bear 100 C
- White Vinyl "White Metalized Polypropylene" or WMP-VR or WMSK "White Metalized Scrim Kraft" (with Premium White Facing), this premium facing can resist 80 C

Above mentioned glass wool material is best known for its fire retardant characteristics, and it is complied with top global quality certifications and both British & American ISO Standards.

Available Brands: KIMMCO ISOVER, IZOCAM, ISORAN, UNITED, & DUKE.

Available Products

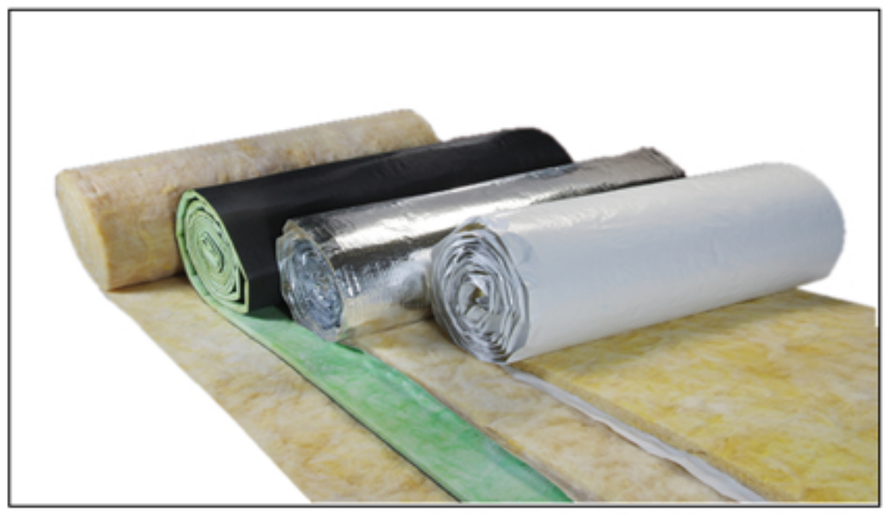
Glass Wool Insulation Blankets:
Un-faced/Plain, FSK, WMSK/WMP-VR, Fiberglass Tissue

Glass Wool Insulation Boards:
Un-faced/Plain, and FSK

Flexible Duct:
ALU “Plain” and with Glass Wool Insulation

Duct Liner, Clean Liner & Sound Liner:
Premium Acoustic Insulation Blanket and Duct.

Glass Wool Insulation Pipe (Rigid Pipe Covering)



Technical Index for Glass Wool Blanket

Service Temperature:	-120 °C to 400 °C
Density:	10-48 kg/m³
Dimensions:	Thickness: 25 mm to 50 mm
Width:	1m or 1.2m
Length:	10 m, 15 m or 20 m

KIMMCO ISOVER SAINT-GOBAIN

Technical Index for Glass Wool Rigid Pipe Covering

Operating temperature:	-195°C to +230°C (can go up to 450°C with special binder)
Density:	64 kg/m³, 75 kg/m³ or 80 kg/m³
Dimensions: Thickness:	25 mm, 40 mm, 50 mm, 65 mm, 75 mm
Pipe sizes:	½” to 12” Length: 0.9 m or 1.2 m

For pipe diameter above 300 mm Lamella Mat is available.

For Steel Pipes:	BS 1387, BS 3600 ANSI/ASTM B 36-10-1985
For Copper Tubes:	BS 2871, ASTM B88M, IS 9842 & BS 3958

IZOCAM

Technical Index for Flexible Duct

Application:	Ideal for all air conditioning / ventilation systems.
Diameter Range:	4” to 18”
Service Temperature:	-30~+120 °C
Velocity of air flow:	30m/s
Working Pressure:	3000 Pa
Bending Radius:	0.54*D+25 mm
Fiber Glass Thickness:	25 mm
Density:	16 kg/m³
Length:	7.6 m
Nominal Thickness of Inner duct:	30 micron

AFS®





CERAMIC PRODUCTS

Ceramic fiber blanket is a high strength, top-tier insulation blanket made from bulk ceramic fiber, a combination of long spun fibers and needling procedure makes this blanket tough, resilient, and strong. This combination also helps ceramic fiber blanket to stay intact while being heated as well as afterwards.

As a result of its superior insulating properties, low heat absorption, and thermal shock resistance, Ceramic Fiber Blanket is an ideal product for energy saving. It enhances comfort at home and reduces greenhouse gas emissions.

The most common applications include asbestos paper replacement, investment cast mold wrap insulation, metal troughs back up lining, and hot top lining.

Available Brands: HOFLAND CERAMICS, AND LUYANG

Technical Index for Ceramic Wool Blanket

Operating Temperature:	1260 °C to 1427 °C
Density:	100 kg/m³ & 130 kg/m³
Dimensions:	Thickness: 25 mm & 50 mm Width: 610 mm
Length:	7200mm & 3600 mm

HOFLAND CERAMIC WOOL

Technical Index for Ceramic Fiber Board

Operating Temperature: 1400 °C
Density: 220 kg/m³ or 300 kg/m³
Dimensions: Thickness: 25 mm & 50 mm Width: 600 mm
Length: 900 mm

Technical Index for Ceramic Paper

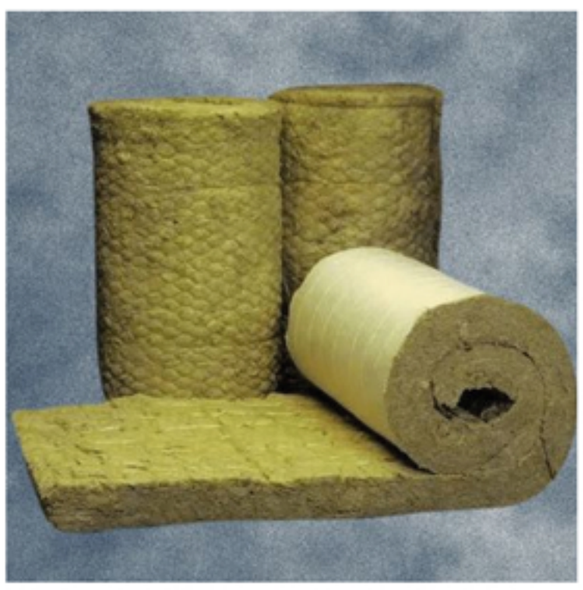
Operating Temperature: 1260 °C
Density: 200 kg/m³
Dimensions: Thickness: 2 mm to 6mm Width: 610 mm
Length: 10000mm, 12000mm, 20000mm or 30000 mm (varies with thickness)

Technical Index for Ceramic Cloth

Operating Temperature: 1260 °C
Density: 500 kg/m³
Dimensions: Thickness: 1.5mm or 2 mm Width: 1000 mm
Length: 30000 mm

Technical Index for Ceramic Rope

Operating Temperature: 1260 °C
Density: 500 kg/m³
Size: 12 mm to 32 mm



ROCK WOOL INSULATION

Using molten natural rock as a source of fiber, a small amount of dust suppression agent is added to create the long fine fibers.

Rockwool Blanket consists of long fine fibers, stitched with premium wire to a facing of galvanized hexagonal wire mesh for the high temperature insulation of large pipes, vessels, tanks, and places that require high degree of flexibility in terms of vibration resistance.

Ideal application in power plants, metallurgical plants, oil refineries, and chemical industries, including plant equipment such as exhaust flues, hot gas duct, boilers, furnaces, ovens, autoclaves and kilns.

These high temperature blankets are available as un-faced or reinforced aluminum foil faced rolls. These blankets are manufactured in compliance with BS 3958 Pt3 – 1982 and ASTM C 592 Class 1 and 2.

Flammability Report: Rockwool is highly resistant to fire with fusion temperature in excess of 750 ºC under fire conditions. Rockwool acts as a shield against flames and as such is often used in buildings and industrial plants as protection against fire.

Acoustic Properties: Rockwool is very commonly used to control noise and vibration in buildings since it absorbs sounds waves and act as barrier to them.

Technical Index for Rock Wool Blanket

Maximum Service Temperature: 750 °C
Density: 40-140 kg/m³
Dimensions: Thickness: 50mm, 75mm, or 100 mm Width: 1m
Length: 2.5m, 4m, or 5m (varies with thickness)
Packing: Polythene Bags

Technical Index for Rock Wool Pipe

Maximum service Temperature: 750 °C
Density: 140 kg/m³
Dimensions: Thickness: 25mm, 30mm, 40mm, 50mm

Technical Index for Rock Wool Board

Attribute:	Free from Asbestos
Density:	60 kg/m³ – 200 kg/m³
Facing:	Plain or with Aluminum Foil
Length:	1.2m or as per requirement from client
Width:	0.6m

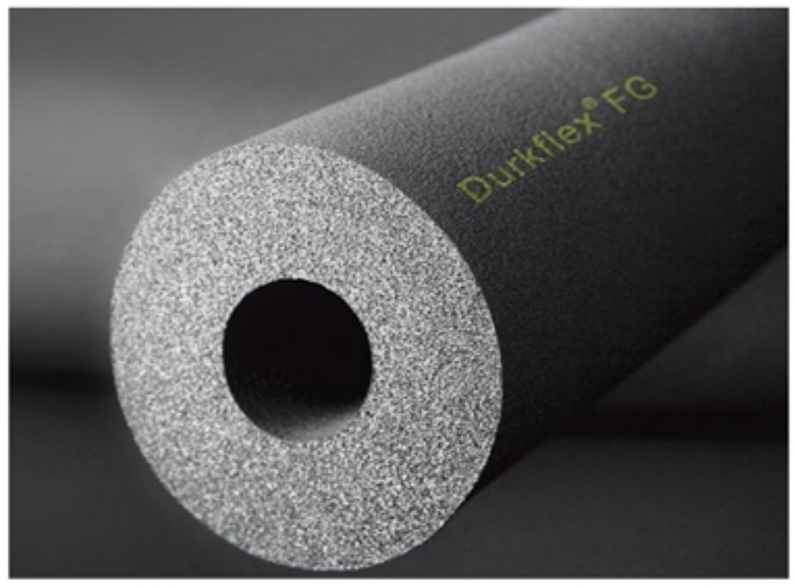
ROCKWOOL®

CLOSED CELL INSULATION

Available Products: Closed Cell Elastomeric Rubber Based, & Closed Cell Polyolefin Based XLPE
Available Brands: OPTIFLEX, DURKEE, KFLEX, BELLSAFE and THERMOBREAK.







Closed Cell Elastomeric Rubber Based Insulation

An elastomeric rubber based insulation material in the form of sheet with closed cell structure. It is manufactured to be used for air conditioning, heating and cooling systems. It can be faced with aluminum foil and can be self-adhesive.

It is used on the exterior surfaces of the ducts and large diameter pipe lines in the heating, cooling and air conditioning systems for thermal insulation and condensation control purposes. For the spaces where there is heat transfer by radiation, using products faced with aluminum foil is recommended.

Technical Index for Closed Cell Elastomeric Rubber Based Insulation Blanket

Properties:	Thermal Insulation, Condensation Control “CFC Free, and Highly Flexible”
Thickness:	6mm to 50mm
Width:	1m or 1.2m
Length:	2000mm to 24000mm (varies with thickness)
Operating Temperature:	-40 °C to 125 °C
Type:	Plain/Non Adhesive, Adhesive, and Aluminum Faced

Closed Cell Polyolefin Foam Insulation

THERMOBREAK
Thermal & Acoustic Insulation

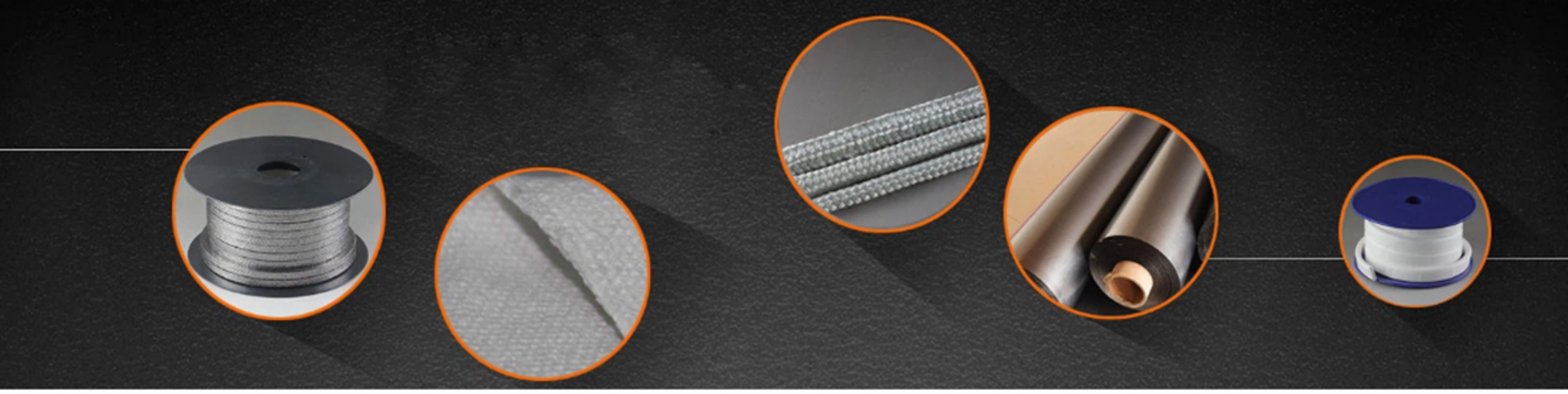
It is the leading and most innovative foam insulation available to the HVAC and Building industry worldwide.

As a result of this advanced polyolefin foam technology, it is highly recommended for air conditioning, cooling, thermal insulation and condensation control in solar energy systems.

Available Brands: Thermobreak XLPE, & Aerofoam Insulation

Technical Index for Closed Cell Polyolefin Based Insulation Blanket

Properties:	Technically superior – very low thermal conductivity & negligible water vapor permeability.
Thickness:	5mm to 50mm
Width:	1mm or 1.2mm
Length:	2000mm to 24000mm (varies with thickness)
Operating Temperature:	-80 °C to 100 °C



SEALING MATERIAL

A material used to prevent the leakage of fluids or gasses between two surfaces. Seals are designed to create a barrier between two parts of a machine or system to prevent the escape of fluids or gases, or to prevent the entry of contaminants into the system.

They can take many forms, including O-rings, gaskets, packings, lip seals, and mechanical seals, and they are used in a wide variety of applications, from automobiles and appliances to heavy machinery and industrial equipment. The type of seal used depends on the application and the operating conditions, such as temperature, pressure, and the type of fluid or gas being sealed.

ASBESTOS PRODUCTS

Asbestos is a group of naturally occurring minerals that are resistant to heat and corrosion. It's highly resistant to oils, fuels, solvents, and harsh chemicals, making it ideal for use in applications that require resistance to air and water.



ASBESTOS CLOTH

The fireproofing capabilities of asbestos made it an ideal material to use in protective clothing such as jackets for firefighters and aprons and mitts for foundry workers.

Workers in foundries, glassworks and steel plants often wore asbestos garments to protect them from extreme temperatures and from burns while working with molten materials. Protective garments often consisted of coats, gloves, leggings and aprons. Employees who worked with furnaces and stood along the paths where molten metal flowed wore asbestos coats and leggings during the casting process.

Thermal insulation: Available for boilers, pipelines and other equipment of metallurgy, chemical factories, power plants, buildings, ships, vehicles, and so on.

Technical Index for Asbestos Cloth

Thickness: 1.2 mm to 3 mm
Width: 1 m
Packing: 50 KG

SunPass®

ASBESTOS ROPE

Asbestos rope is made of braided asbestos fiber and its section tends to be round, rectangle or square. It is widely used in centrifugal pumps, compressors, vacuum pumps, mixers and ship propeller shaft seals, piston pumps and so on. It has a good thermal conductivity, acid and alkali resistance. Compared with other sealing materials, asbestos rope can be molded into any shape and operates well at extreme temperatures. Especially, it has ability of halting the spread of fire.

Pure asbestos rope is designed for static sealing and operates well at high pressure and temperature working environments.
Asbestos rope is not often made of 100% asbestos. There are three kinds of sealing rope, which are treated with other materials to improve their comprehensive properties. It is also called asbestos packing.

Following are the ideal applications for Asbestos Rope:
Boiler insulation: asbestos rope is commonly used to insulate boilers and other high-temperature equipment.
Pipe insulation: asbestos rope is used to insulate pipes and other equipment that carry hot fluids or gasses.
Sealant: it is used as a sealant in engine and boiler applications to prevent leaks.
Fireproofing: it is used as a fireproofing material in buildings and structures.
Packing material: asbestos rope is used as a packing material in pumps and valves to prevent leaks.
Electrical insulation: in certain applications.
Seals and gaskets: in gas or electric heating appliances.

Technical Index for Asbestos Rope

Thickness: 3 mm to 50 mm
Packing: 2.5 KG – 25 KG (varies with thickness)

ASBESTOS TAPE

Asbestos tape or insulating tape is made of high quality woven chrysotile/white asbestos. It has ability to withstand harsh working environments.

As asbestos has good resistances to fire, heat, chemical and electrical damage, asbestos tape is often applied as conveying tape and is widely used in industry, metallurgy where needs heat-resistant materials.

Technical Index for Asbestos Tape

Thickness: 3 mm & 6 mm
Width: 25 mm to 100 mm
Packing: 2.5 KG & 5 KG (varies with thickness)

NON ASBESTOS FIBER GLASS PRODUCTS

Fiberglass is a material consisting of numerous extremely fine fibers of glass. Fiberglass is an essential component for wide range of industries including water treatment plants, HVAC, fireproofing, and oil fields.



Properties of Fiberglass Products

Mechanical strength: Fiberglass has a specific resistance greater than steel. So, it is used to make high-performance
Electrical characteristics: Fiberglass is a good electrical insulator even at low thickness.
Incombustibility: Since fiberglass is a mineral material, it is naturally incombustible. It does not propagate or support a flame. It does not emit smoke or toxic products when exposed to heat.
Dimensional stability: Fiberglass is not sensitive to variations in temperature and hygrometry. It has a low coefficient of linear expansion.
Compatibility with organic matrices: Fiberglass can have varying sizes and has the ability to combine with many synthetic resins and certain mineral matrices like cement.
Non-rotting: Fiberglass does not rot and remains unaffected by the action of rodents and insects.
Thermal conductivity: Fiberglass has low thermal conductivity making it highly useful in the building industry.
Dielectric permeability: This property of fiberglass makes it suitable for electromagnetic windows.

Technical Index for Fiberglass Products

Operating Temperature: up to 550 C

Fiberglass comes in various forms to suite various applications, the major ones being:

FIBERGLASS TAPE

Fiberglass tapes are made up of glass fiber yarns and are known for their thermal insulation properties. This form of fiberglass finds wide applications in wrapping vessels, hot pipelines, and the likes.

Technical Index for Fiberglass Tape

Thickness: 3 mm
Width: 25 mm – 100 mm
Packing: 2.5 KG or 5 KG (Dependent on size)

FIBERGLASS CLOTH

Fiberglass cloth is smooth and is available in various variants like glass fiber yarns and glass filament yarns. It is widely used as heat shields, in fire curtains and others.

Technical Index for Fiberglass Cloth

Thickness: 0.02 mm – 3 mm
Width: 1 m
Length: 30 m or 50 m

FIBERGLASS ROPE

Ropes are braided from glass fiber yarns and are used for packing purposes.

Technical Index for Asbestos Rope

Thickness: 3 mm – 50 mm
Packing: 5kg or 10 Kg

FIBERGLASS TISSUE

Fiberglass Tissue is used as a waterproofing and reinforcing agent, as a stabilizing or separation layer, and as a surfacing or acoustic insulation product, and end products include such widely differing products as fitted carpeting, washable wallpapers or bituminous roof shingles..







Gasket Sheet & PTFE Products

Jointing Materials are sealants used for applications across chemical plants, refineries, and thermal applications. Jointing Sheets are cut out in various sizes to form a compressible leak-proof seal between two surfaces or components.

These Gasket Sheets are flexible and robust to be used in applications that involve acids, high temperature, corrosive chemicals gases or fluids. The flexibility and good recovery of these sheets prevent breakage during installation. Our imported Gasket Sheets comes in many grades and a wide range of thicknesses to allow for different sealing applications.

We deal in premium brands for this soft sealing material, it has been specifically designed to master the rigors of high-temperature sealing applications. It is the preferred choice for utilization scenarios involving exhaust pipes, turbines, turbochargers and fuel lines, and can withstand temperatures of up to 550 °C in continuous operation.

These sheets are divided into following categories:

- Asbestos Jointing Sheet
- Asbestos Jointing Sheet Graphite, with Wire
- Non-Asbestos Jointing Sheet
- Acidit Jointing Sheet

Available Brands: KLINGER, SANDA & TECNIT.

Technical Index for Asbestos Gasket Sheet

Operating Temperature:	Up to 550 C
Maximum Pressure:	Up to 130 bar
Thickness Range:	0.5 mm to 6 mm
Dimensions KLINGER:	60” X 80”
Dimensions SANDA/TECNIT:	1520 X 1360 MM

Technical Index for Asbestos Gasket Sheet Graphite, with Wire

Operating Temperature:	Up to 550 C
Maximum Pressure:	Up to 200 bar
Thickness Range:	1 mm to 6 mm
Dimensions KLINGER:	60” X 80”
Dimensions SANDA/TECNIT:	1520 X 1360 MM





PTFE

PTFE (polytetrafluoroethylene), also known as Teflon, is a fluorocarbon-based synthetic polymer extensively utilized in various industries and products. For example, PTFE is a preferred material for electrical and thermal applications like coil separators and terminals, as well as high-temperature seals, insulators, and bearings due to its low coefficient of friction, excellent electrical properties, high chemical resistance, and stability over a wide range of temperatures

PTFE is used as a cost-effective solution for oil & gas, pharmaceutical, chemical processing, industrial, electrical/electronic, and construction sectors.

Available Brand: TBA

TBA®

PURE PTFE PACKING

Pure PTFE is made from unadulterated PTFE resin with no added materials. It retains flexibility at low temperatures, is an excellent electrical insulator, and is very resistant to chemicals. Pure PTFE is widely utilized in food and beverage, pharmaceutical, and cosmetic applications and is FDA approved.

Technical Index for Pure PTFE Packing

PH range:	0~14
Temperature:	260°C
Velocity:	0~20m/s
Pressure:	0~4MPa
Density:	1.4~1.6 g/cm3

Teflon™ industrial coatings

PTFE PACKING

Asbestos PTFE Packing is formed by inter braided method from fine white asbestos yarn to foam very dense and flexible packing. Each thread is individually impregnated with PTFE lubricants.

Technical Index for PTFE Packing

PH range:	3~14
Temperature:	280°C
Velocity:	12m/s
Pressure:	3~20MPa





LEAD PACKING

Sealing with real lead seals is one of the most traditional sealing methods. The seals are made of lead for extremely reliable operation.

Technical Index for Lead Packing

PH range 0 – 14
1650°C Non oxidizing condition
Temperature 650°C Steam
450°C Oxidizing condition -204°C Cryogenics
Pressure 9~45MPa
Velocity 2~15m/s

PTFE GRAPHITE PACKING

Graphite/PTFE line of compression packing products combine the heat dissipating characteristics of graphite with the chemical resistant and durability of PTFE. This combination makes this packing a versatile product for pumps and valves, and for rotating equipments such as mixers and agitators. Furthermore, these packings are great for sub-optimal mechanical conditions including pumps where there is an axial or elliptical shaft run out, worn pumps, and deflecting shafts.

Technical Index for PTFE Graphite Packing

PH range 0~14
Temperature 260°C
Velocity 0~20m/s
Pressure 0~4MPa
Density 1.4~1.6 g/cm3

PURE GRAPHITE PACKING

Pure Graphite Packings are intended to offer high temperature capability, good chemical resistance and markedly reduced spindle wear.

Pure graphite packing is suitable for plant wide applications with excellent chemical and temperature resistance. Manufactured from expanded graphite for outstanding sealing ability.

Suitable for high pressure, high temperature applications.
Offering excellent sealing and operational reliability for both Original Equipment Manufacturers and plant users alike
Fire-Safe

Technical Index for Pure Graphite Packing

Technical Index for Pure Graphite Packin

PH range 0~14
Temperature -200~600°C
Velocity 0~25m/s
Pressure 5~25MPa







OTHER PTFE PRODUCTS

PTFE/Teflon Tape
PTFE Skived Tape
PTFE Skived Sheet
PTFE/Teflon Cloth.

PTFE Molded Sheet
PTFE Molded Rod
PTFE Extruded Rod

AMMONIA PACKING

It is commonly used for sealing purposes in Cold Stores, & Ice Factories.

Available Brand: TBA

Technical Index of Ammonia Packing

Sizes:5mm to 12mm





HVAC PRODUCTS & TOOLS

MHS delivers exceptional heating and air conditioning system solutions for homeowners, contractors, and distributors. View our wide selection of energy efficient HVAC products to keep your spaces comfortable throughout the year.



COPPER PANCAKE COILS

Copper coil is manufactured in accordance with the Japanese Industrial Standard, JIS H3300. The standard specifies in wrought copper and copper alloy seamless tubes and pipes that having a round section. As the copper coil is rolled up, it seems like a pancake and thus the name pancake copper coil.

here is a wide range of outer diameter size and wall thickness of copper coil that are available and the size selection is subjected to project requirement. Copper coil designed in metric (mm) and inches (“) size, the metric size ranges are measured from 6mm to 15mm, while available inches size ranges from 1/4” to 3/4”.

Copper coil is commonly used in general plumbing, heating, ventilation and air-conditioning (HVAC) industry. It is a durable, reliable and economical material with good electrical conductivity amongst other metals. In addition, copper is superior for conveying liquid and it is applicable to heat exchanger, chemical industry, gas pipe and water supply.

Avaiable Brands: Mueller USA, Mueller Streamline Bahrain, NWM, & Jintian

Technical Index for Pancake Coils

Diameter Range:	3/16” to 7/8”
SWG:	22 to 27
Coil Length:	15 MTR

MUELLER STREAMLINE CO.

COPPER STRAIGHT LENGTHS

Copper Straight Lengths are also known as Hard Drawn Copper, it is the general purpose copper tube for above ground services. Its ease of manipulation in half-hard condition and relatively light weight, combined with its ability to withstand high internal pressure, makes it the ideal product for most hot and cold water, central heating and gas services installations.

Technical Index for Copper Straight Lengths

Diameter Range:	½” to 2”
SWG:	10 to 20
Length:	20 Feet

COPPER FITTINGS

Copper pipe fittings play an important role in many plumbing and heating applications. These fittings are used for installation of various types of pipes. In fact, copper pipe fittings are mainly used with copper pipes used for supplying hot and cold water in residential water supply lines, as refrigerant line in HVAC, etc. Copper pipe fittings are available in many different sizes and styles and you can select the right one for your application.

Technical Index for Copper Fittings

Copper Tee: Pure Copper
Copper Elbow: Pure Copper
Copper Socket: Pure Copper

COPPER CAPILLARY

Capillary tube is one of the most commonly used throttling devices in the refrigeration and the air conditioning systems. The capillary tube is a copper tube of very small internal diameter. It is of very long length and it is coiled to several turns so that it would occupy less space. The internal diameter of the capillary tube used for the refrigeration and air conditioning applications varies from 0.5 to 2.28 mm (0.020 to 0.09 inches). Capillary tube used as the throttling device in the domestic refrigerators, deep freezers, water coolers and air conditioners.

Technical Index for Copper Capillary

Size Range: 028" to 0.085" & 1/8"
Length: 100 Feet

COPPER LEVEL WOUND COIL

Seamless copper tubes in level-wound coils (LWC) are particularly cost-effective for the manufacturer of heat exchangers, tube bends, fittings, heaters. Long lengths provides the consumer following advantages: **Little scrap and long machine times.**

MS COPPER COATED PIPE

Premium Mild Steel Copper Coated Pipes are available.



Technical Index for MS Copper Coated Pipe

Sizes Range: 1/8" to ½"
Range: LWC and Pancake Coils





AIR CONDITIONING KITS

Substitute of copper tube for air conditioning at better price.

Technical Index for AC Kits

No welding joints
High strength alloy 3003 tube with anticorrosive coating
Exactly similar test results as copper after 500 hours of salt fog test
Kit Sizes: ½"x ¼" & 3/8" x 5/8" & ¼"x 5/8"
Length: 50 Feet with PE

NWM

REFRIGERANT GASES

Honeywell

Refrigerant gases are used to cool or heat certain areas of cooling or heating systems, such as air conditioners or freezers, due to thermodynamic phenomena that allow them to change from the gas phase to the liquid phase and vice versa.



Honeywell has a comprehensive range of commercial, alternative, intermediate and long-term refrigerants. Honeywell is at the technology forefront of every major development of fluorocarbon refrigerants.

Hydrofluorocarbons (HFCs) are frequently used as refrigerants, blowing agents, propellants and solvents. They were developed to be non-ozone depleting alternatives to chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs).

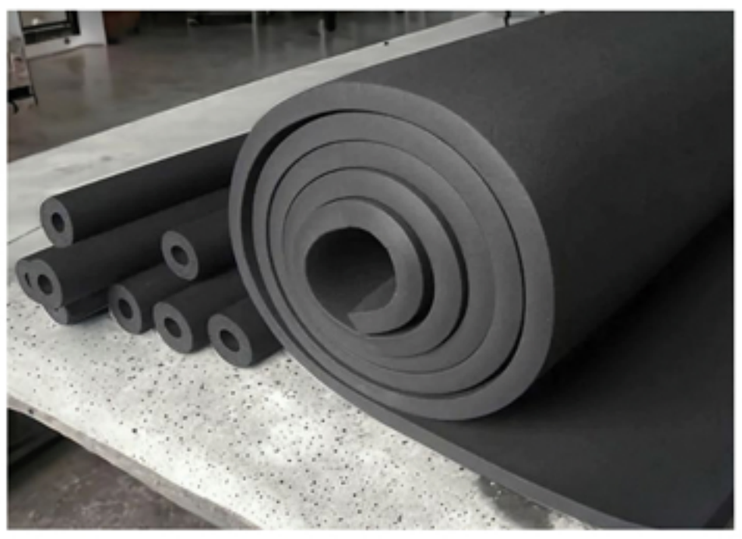


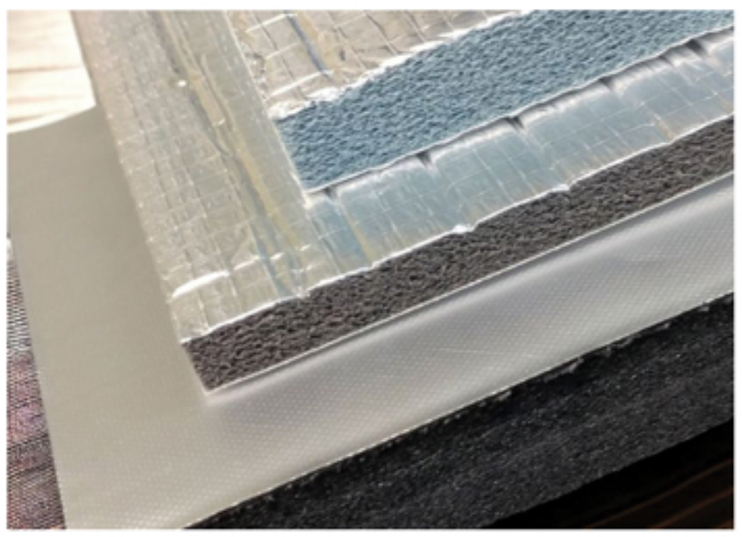
AVAILABLE BRANDS: PACIFIC, AND HONEYWELL
AVAILABLE PRODUCTS: R-12, R-22, R-134-A, R-404-A, 407-C, R-410-A

RUBBER FOAM INSULATION

THERMOBREAK
Thermal & Acoustic Insulation

Rubber Foam (also known as cellular rubber foam or expanded rubber foam) refers to rubber that has been manufactured with a foaming agent to create an air-filled matrix structure. Commercial foam rubbers are generally made of synthetic rubber, or polyurethane. This rubber foam, is well known for its endurance. Polyurethane is a thermosetting polymer that comes from combination of Methyl di-isocyanate and polyethylene and some other chemical additives.





About the Material:

Rubber and plastic material is a kind of high-quality rubber and polyvinyl chloride (NBR/PVC) as the main materials.

Mixed foaming material made of ban burying, continuous extrusion, heating vulcanization foaming, cooling and slitting.

The principle of heat preservation of rubber and plastic starts from its structure: rubber and plastic material is a closed-cell foam material full of small bubbles processed through a series of processes. Because the bubbles inside are all closed structures, they are almost static. The convective gas has a very low thermal conductivity (about 0.0267W/(m·k) at 20°C), which can reduce the heat conduction between the container or pipe and the external environment, thereby playing a role in heat preservation/cooling. This is the main insulation principle of rubber and plastic insulation materials.

Brands Avaialble: Thermobreak XLPE, Optiflex Izocam, Bellsafe, and Aerofoam

Rubber and plastic material is a kind of elastic closed-cell foam material, which has the advantages of low thermal conductivity, fire and flame retardant, moisture and moisture resistance, vibration reduction and noise reduction, environmental protection and health, long service life, elegant appearance and convenient installation. It is widely used in central air-conditioning, construction, chemical industry, medicine, textile, metallurgy, shipbuilding, automobiles, electrical appliances and other related cold and heat medium pipes or containers, which can achieve the effect of reducing cold and heat loss. In addition, the construction is simple, the appearance is neat and beautiful, and the product does not contain fiber dust, and will not breed harmful substances such as molds, so it is a high-quality thermal insulation material.

Technical Index for Elastomeric Foam Insulation Roll

Operating Temperature:	-40 °C to 125 °C
Thicknesses:	6 mm to 32 mm
Dimensions:	Width: 1 m Length: 5 m to 18 m (Dependent on the Thickness)
Type:	Adhesive & Non-Adhesive. Aluminum Faced Rolls are also available

Technical Index for Elastomeric Foam Insulation Sheet

Operating Temperature:	-40 °C to 125 °C
Thicknesses:	3/8″ to 1″
Dimensions:	4′ x 3′
Thickness:	3 mm
Width:	50 mm
Length:	10 m & 15 m

Optiflex

Technical Index for Elastomeric Foam Insulation Pipe

Field of Application:	Insulation of Piping for heating, refrigeration & air conditioning, hot & cold water lines.
Operating Temperature:	-40 °C to 125 °C
Nominal Pipe Size:	¼″ to 3-1/2″
Nominal Wall Thickness:	9 mm, 20 mm, 25 mm
Tubing Unit Length:	1.83 m & 2 m

Durkee Insulation

Technical Index for Elastomeric Foam Insulation Tape

Field of Application: Insulation of pipes located at difficult to reach position, Insulation of valves and T-joints, Noise reduction, vibration damping and damage protection.

Operating Temperature:	-40 °C to 85 °C
Thermal Conductivity:	0.035W/ (m.k) at 0 °C
Water Vapor Permeability:	μ > 3500
Thickness:	3 mm
Width:	50 mm
Length:	10 m & 15 m

IK INSULATION GROUP K-FLEX

AIR CONDITIONING AND REFRIGERATION TOOLS

HVACR tools are used in performing preventive maintenance and repair on air conditioners, refrigerators, freezers, and automotive air conditioners. We have a wide range of HVACR service tools



Available Brands: UNIWELD, NWM, AND MUELLER

Charging Hose

Flaring Tools

Flaring Tool – is a refrigeration tool use to spread the copper end outward until a flare is formed. File and ream the copper tube before flaring. The copper tube is inserted into the flaring block with 30% of its diameter protruding. Turn the flaring yoke slowly until the flare is completed. Remove copper tube and inspect for defects.

Copper Tube Cutters

Tube Cutter – is a refrigeration tool use to cut copper tubing from sizes 1/8" to 1/2" outside diameter. A larger tube cutter is also available for large tube diameters. Tubes are mark first before cutting. Slight pressure is applied to the copper tube during cutting. The burr inside the tube is cleaned with blade reamer.

Copper Capillary Cutter

Capillary Cutter – is a tool that cuts all sizes of capillary tubes without collapsing. Superior quality and durability make this unit a must have for HVAC Service toolbox.

Copper Tube Benders

Copper Tube Bender – is a copper tube bending refrigeration tool. It has a three-size molded half-round wheels. The most common sizes are from 1/4 of an inch diameter, to 5/16, then 3/8. Copper tubes are bent beautifully using this professional bending tool.

Copper Spring Benders: External spring

bender for copper and multilayer pipes. Ideal for bending copper pipes and multilayer in the heat engineering and refrigeration technology. Equipped with tapered sides, for easy insertion into the tube to be bent

Swagging Tool / Copper Tube Expander

Swagging Tool – is a refrigeration tool use to expand the inside diameter of a copper tube so that the resulting diameter is the same as the outside diameter. It is used to join two copper tubes of the same diameter. Clamp the copper tube by the flaring block so that an 'equal to the outside diameter' of the copper tube length is to be swagged. Our copper pipe expander uses ergonomic handle to make it comfortable to hold.





HVACR DUCT

Kimmco Climaver Air Duct

It is self-supporting duct system for air-conditioning, ventilation and heating systems. It also has Glass wool based pre-insulation duct system for air-conditioning, ventilation and heating.

Technical Index for Kimmco Climaver HVAC Duct

It offers superior thermal performance and high level of airtightness to keep your air fresh and making the system energy efficient.

It reduces noise levels generated by fans and air-conditioning units providing acoustic comfort to the building occupants. It has a high density glass wool, both sides of panels are faced with aluminum surface.

Thickness: 25 mm
Length: 3 m
Width: 1.19 m

KIMMCO ISOVER SAINT-GOBAIN

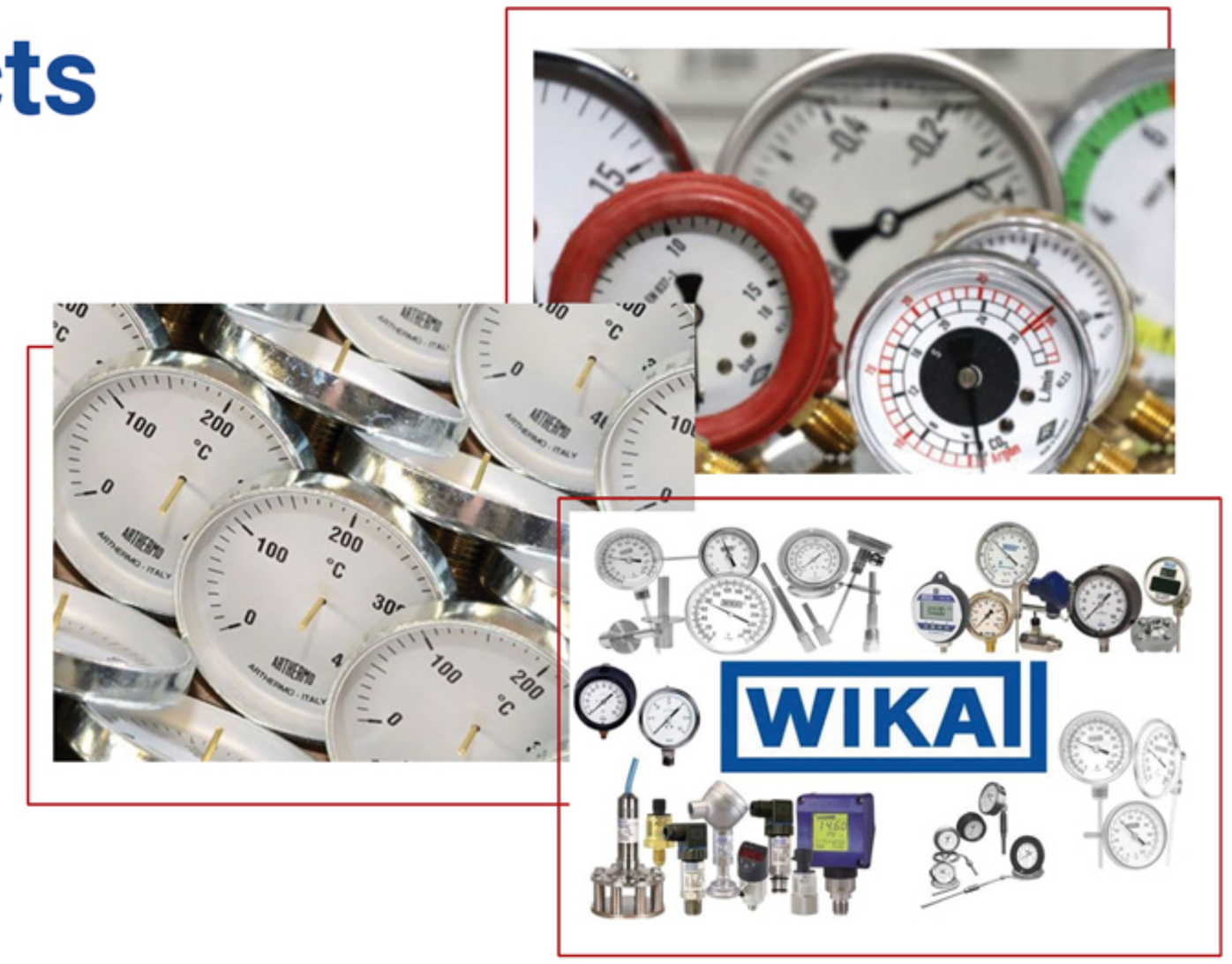
PRESSURE MEASURING INSTRUMENTS

Instruments used to measure and display pressure mechanically are called pressure gauges, vacuum gauges or compound gauges (vacuum & pressure). The widely used Bourdon gauge is a mechanical device, which both measures and indicates and is probably the best known type of gauge.

This pressure measurement device measures the pressure in gases and liquids. There is wide range of variety to measure pressure. Many industries face the challenge of excellent and reliable pressure measurements. At MHS, we are specialized in servicing and advising you with the best solution regarding pressure measurement.

Available Products

- Pressure Gauges
- Oil Filled Pressure Gauges
- Millibar Gauges
- Water Column Gauges
- Vacuum Gauges
- Ammonia Pressure Gauges
- Diaphragm Pressure Gauges



Technical Index for Pressure Gauges

Application: Chemical, Petrochemical, Sanitary, Pharmaceutical, and Process Industries.



Dial Size: 1.5″ to 10″
Connection: 1/8″, ¼″, 3/8″, 1/2″ NPT, BSP (varies with size and model)
Range: 0-15000 PSI (varies with size and model)
Gauge Scale: PSI & BAR
Case: Steel Black or Chromed with high quality Glass. Premium Brass Connection and Internal Structure.
Connection Type: Center Back Connection with Front Flange, Bottom Connection, Back Connection
Note: Vacuum & Compound Gauges are also available.
Brands Available: WIKA, SENSE, TEL-TRU, and EMPEO

Technical Index for Oil Filled Pressure Gauges



Application: Chemical & Petroleum Refineries, Pharmaceutical, Offshore Drilling & Production, Paper Mills, Fertilizer, etc.
Dial Size: 1.5″ to 10″
Connection: 1/8″ , ¼″, 3/8″, 1/2″ NPT, BSP (varies with size and model)
Range: 0-6000 PSI (varies with size and model)
Gauge Scale: PSI & BAR
Case: Stainless Steel 316 or 304 with Acrylic Glass Window, Pure Stainless Steel Socket, & Tube, Bezel, Roll Ring & Movement
Connection Type: Center Back Connection with Front Flange, Bottom Connection, Back Connection
Note: Brass Tube, Socket & Moment is also available
Accuracy: ASME B40.1 Grade B & ASME B40.1 Grade 1A
Note: Vacuum & Compound Gauges are also available
Brands Available: WIKA, SENSE, TEL-TRU, and EMPEO

Technical Index for Ammonia Pressure Gauges

Application: It measures suction and discharge pressure on Ammonia compressors.
Dial Size: 4″
Connection: 1/2″ NPT
Range: 50 & 350
Gauge Scale: kg/cm² & lb/in²
Case: Stainless Steel 316 with Acrylic Glass, Stainless Steel Socket & Tube, Bezel, Roll Ring & Movement.
Connection Type: Bottom Connection
Note: Chrome plated steel case is also available
Brands Available: WIKA, SENSE, TEL-TRU, and EMPEO



Technical Index for Millibar Gauge

Dial Size: 2.5″ & 4″
Connection: ¼″, 1/2″ NPT (varies with size and model)
Range: 0- 2000 (varies with size and model)
Gauge Scale: mbar & PSI
Case: Chrome plated steel case with high quality Glass.
Connection Type: Bottom Connection
Brands Available: WIKA, SENSE, TEL-TRU, and EMPEO



Technical Index for Water Column Gauge

Dial Size: 2.5″ & 4″
Connection: ¼″, 1/2″ NPT (varies with size and model)
Range: 0- 3000 (varies with size and model)
Brands Available: WIKA, SENSE, TEL-TRU, and EMPEO



TEMPERATURE MEASURING INSTRUMENTS

A temperature measurement instrument is a device used for the accurate measurement and reading of temperature gradient. The term temperature gauge usually refers to a device showing readings on a numbered dial. Dial thermometer gauges are often found in industrial and commercial settings.

Available Products

- Bimetal Thermometers
- Capillary Thermometers
- Angular Board Type V-Line Thermometers
- Zeal Thermometers
- Arthermo Gauge
- Thermocouples & RTD
- Digital Temperature Meters
- Non-Contact Infrared Temperature Meter

Technical Index for Bimetallic Thermometers

Dial Size: 2″ to 6″
Stem: 2.5″ to 24″ (varies with size and model)
Stem Diameter (mm): 6 – 12 (varies with size and model)
Range: -50°C to 600°C (varies with size and model)
Connection Type: Bottom Connection & Centre Back Male Connection
Inlet Thread: 1/8″, ¼ ″, 3/8″, ½″ BSP, NPT, BSPT (varies with size and model)
Gauge Scale: °C & °F
Case: Stainless Steel 316 with high quality Glass, Stainless Steel 316 Internal Connection & Movement
Accuracy: 1.6% – 1%
Brands Available: WIKA, EMPEO and TEL-TRU



Technical Index for Capillary Thermometers



Dial Size: 2.5″ to 6″
Stem: 3 m, 5 m & 6 m (varies with size and model)
Probe Diameter (mm): ⊠14 x 150 (varies with size and model)
Range: -20°C to 600°C (varies with size and model)
Connection Type: Bottom Connection, Back Flange
Inlet Thread: 1/8″, ¼″, 3/8″, ½″ BSP, NPT, BSPT (varies with size and model)
Gauge Scale: °C & °F
Case: Stainless Steel 316 with Glass, Stainless Steel 316 Internal Connection, Bulb, Capillary & Movement
Accuracy: 1.6%
Brands Available: WIKA, EMPEO, and ARTHERMO

Technical Index for Angular Board Type V-Line Thermometers



Temperature Range: -20°C to 600°C
Diameter: 4″, 6″ & 9″
Stem Diameter: 6.3 mm
Stem Length: 63 mm to 150 mm
Connection Type: L-Type, I-Type & Angular
Accuracy: 1.6%
Inlet Thread: ½″ or as per customer requirement
Lens: V-Shaped Scale with Black Figures, Lens Front, Blue or Red Mercury

ZEAL THERMOMETERS

Technical Index for Zeal Thermometer



Application: To measure temperature of liquids while carrying out experiments.
Type: Hygrometer (Wet & Dry), and Mason's Type Thermometer
Temperature Rage: -30°C + 50°C
Brands Available: Zeal and WIKA

ARTHERMO GAUGE

Technical Index for Arthermo Gauge



Dial:	2.5″ & 4″
Rage:	-40°C + 40°C
Stem:	3m
Brands Available:	Arthermo Italy

THERMOCOUPLES/RTD

Thermocouples and RTDs (Resistive Temperature Devices) are both devices commonly used for temperature measurement. The main difference between them is their respective sensing elements: a thermocouple uses two dissimilar metals, while a RTD uses a resistive wire element.

Technical Index for Thermocouples & Resistive Temperature Devices



Application: Temperature measurement of kilns, gas turbine, exhaust, diesel engines & other industrial processes.
Thermocouple Wires: As per customer requirement
Thermocouples: K-Type, R-Type, S-Type
Length: 4″ to 40″
Stem Thickness: ½″, 3/4″
Brands Available: WIKA, SENSE, AND EMPEO

DIGITAL TEMPERATURE METERS

Digital thermometers are commonly used industrial tools used measure temperature across various applications using a temperature sensor and scale. Often featuring penetrating probes for measuring the temperature inside an object, digital thermometers rely on various sensor types The compact temperature controllers from MHS offer display, control and monitoring of temperatures.



Technical Index for Digital Temperature Meters

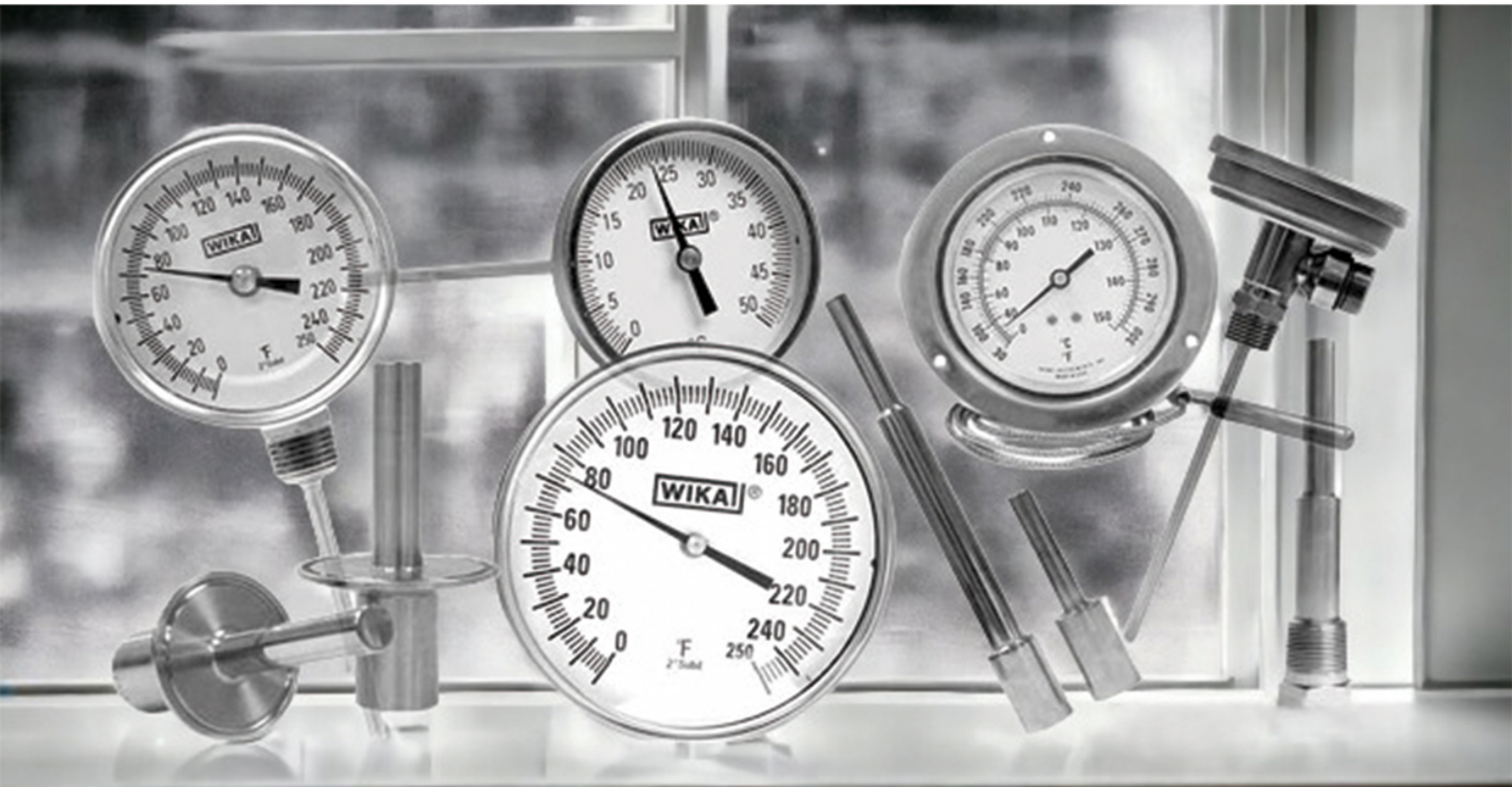
Application: Cold Storage, Refrigerator, Water Chiller, Sea Food Machine & Small Heating Equipment.
Type: Temperature Meters, Humidity Meters, Pocket Thermometer, Temperature Indicator, and Temperature Controllers
Brands Available: WIKA

NON CONTACT INFRARED TEMPERATURE METER

Non-contact temperature measurement enables the surface temperature of an object to be identified without physical contact between the measurement object and the temperature sensor. Push and Measure Temperature in a second via our premium laser temperature meter.

Brands Available: SMART SENSOR, and ETEKCITY





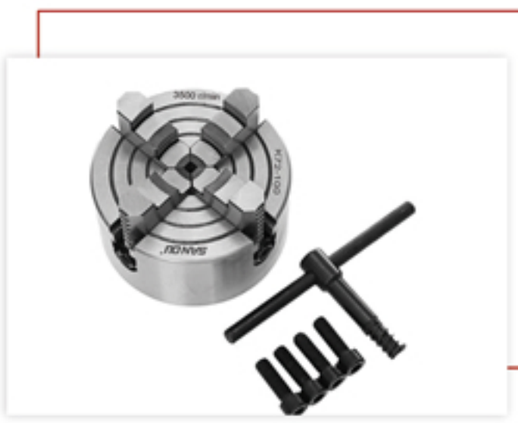
LATHE CHUCKS & TOOLS

LATHE CHUCKS

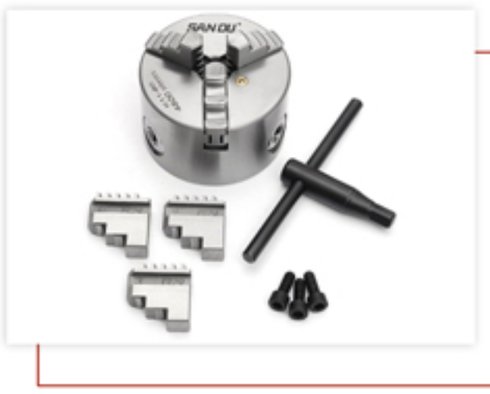
Lathe chucks are basically a part of a lathe machine that is installed on top of a lathe. The lathe chuck is operated either manually or by using a power supply. The main use of a lathe chuck is to hold the material block it operates on. This keeps the piece to be machined when it spins.

It can hold both symmetric as well as asymmetrically shaped objects, especially those that lack radial symmetry. In addition to lathe machines, chucks are also used in places such as milling machines.

The three-jaw lathe chuck is the most widely used chuck. The jaws of this chuck are at 120-degree angles to each other. These jaws are made of high-quality steel. When the chucks are operated on, the jaw teeth are attached to the beveled teeth. This interlocking causes a moment of all threes jaws towards or away from the chuck center. This moment depends on the direction of rotation of the bevel pinion. The chucks key, which is a square end key, operates the pinion. Three-jaw lathe chucks are typically employed to hold shapes such as round and hexagonal-shaped work pieces.







Available Products & Technical Indexes

2 Jaw Self Centering Chucks	K-10	**Size:** 80 mm to 320 mm
3 Jaw Self Centering Chucks	K-11	**Size:** 80 mm to 630 mm
4 Jaw Self Centering Chucks	K-12	**Size:** 80 mm to 320 mm
6 Jaw Self Centering Chucks	K-13	**Size:** 80 mm to 320 mm
4 Jaw Independent Chucks	K-72	**Size:** 80 mm to 1000 mm
Jaws		Standard Sizes Available
Pinions		Standard Sizes Available
Screws		Standard Sizes Available
Handel		Standard Sizes Available
Scrolls		Standard Sizes Available

LATHE CHUCKS

Drill chucks are spindle-mounted mechanisms that hold a drill or other cutting instrument. They come in keyed, keyless, and hybrid systems, allowing for rapid drill bit changes. Drill Chucks are frequently linked to a machine's spindle through a Drill Chuck Arbor that may be removed.

The arbor is basically a steel shaft with two ends, one machined to fit into the spindle of a machine and the other machined to fit into the rear of a drill chuck. Jaws are widely used to hold the tool or work piece in chucks. Jaws are usually placed in a radially symmetrical arrangement.

Available Products:
Key Type Drill Chuck
Keyless Drill Chuck
Brands: SAN OU AND UNIVERSAL
Size: ½", 5/8" & 3/4"

SAN OU ®
CHUCK



BEARING CENTER / LATHE REVOLVING CENTER

A revolving center, also known as a rotating center or running center in some countries, is constructed so that the 60° center runs in its own bearings and is used at the non-driven or tailstock end of a machine.

Size: No. 2, 3, 4, 5, 6
Type: Normal & Medium

环球 UNIVERSAL ®
YTUM



POWER TOOLS

Power tools are a common part of our everyday lives and are present in nearly every industry. These tools help us to easily perform tasks that otherwise would be difficult.



Available Products

- Grinders
- Drill
- Hammer Drill
- Impact Drill
- Circular Saw
- Cordless Drill
- Cut – Off Machine
- Sander
- Planer
- Polisher
- Blowers
- Pressure Washer



















BLACK+ DECKER



Available Brands:
BLACK AND DECKER, MAKUTE, SENCAN, CROWN, AND BOKY.

OTHER INDUSTRIAL PRODUCTS



DRILL PRESS
The drill press is a motorized tool designed to bore precise holes in wood, metal or plastic. Like a handheld drill, drill presses utilize various types of bits to make holes of different diameters. But unlike a handheld drill, drill presses are stationary or bench-top machines.
Size: 13 mm, 16 mm, 20 mm, 25 mm, 32 mm



BENCH GRINDER
A motorized bench grinder is an appliance that is used to sharpen other tools. It is a must-have for your home workshop. Bench grinder has wheels that you can use for grinding, sharpening tools, or shaping some objects. Depending on the types and shape of the wheel, the use of a bench grinder can vary.
Size: 8" & 10"

CUT-OFF MACHINE
Cut Off machines are designed to cut hard materials such as metal pipe and tube, concrete and masonry. Applications for cutoff machines include building and construction, emergency rescue and concrete and paving. They are also known as chop saws and abrasive saws. Our imported Cut-off machine comes with a premium motor.
Size: 16" Single Phase & Three Phase



BENCH VICE
An engineer's vise, also known as a metalworking vise, machinist's vise, or, informally, a "bench vise / bench vice", is used to clamp metal instead of wood. It is used to hold metal when filing or cutting. It is sometimes made of cast steel or malleable cast iron, but most are made of cast iron.
Size: 4", 5", 6" & 8"

ADHESIVES

Adhesives and sealants are mainly used to bond the following substrates: metals, plastics (thermosets and thermoplastics), composites, foams, elastomers, wood and wood products, glass and ceramics. Adhesive, any substance that is capable of holding materials together in a functional manner by surface attachment that resists separation.

ALUMINUM FOIL TAPE

Aluminum foil tapes are used on seams and joints of fiberglass and aluminum backed duct board. Coated with a rubber based pressure sensitive adhesive, they provide an excellent barrier to vapor and conform to irregular surfaces. Aluminum foil tape may be used for shielding and covering thermal insulation.

Technical Index for Aluminum Foil Tape

Seals Fiberglass Board Duct Joints
Wrinkle-free, Conforms to Surface Irregularities
All Tape Widths and Lengths are Available
Standard Width: **50mm**
Length: **25 Yard**
Thickness: **50 Micron**
Brands Available: **ABRO, 3M, KENDO, AND LORD**

ABRO® INDUSTRIES, INC.



POLYPROPYLENE PACKAGING TAPE

Polypropylene tape is the most commonly used packaging tape due to it being very strong, durable, and resistant to breakage, making it perfect for all general sealing tasks. Due to its strength, it cannot be torn by hand so should be used with a dispenser.



Technical Index for Polypropylene Packaging Tape

Reinforced to resist tearing and splitting
Choice of Hot Melt or Acrylic Adhesive in Tan or Clear
All Tape Widths and Lengths are Available
Standard Width: 12mm, 25 mm or 50mm
Length: 50 Yard
Thickness: 38 Micron
Brands Available: YST, 3M, KENDO, ABRO, and LORD

KENDO+®

DOUBLE SIDED ADHESIVE TAPE

These tapes are primarily used to stick two surfaces together but can also be used to mount a small item onto another surface such as a wall or vehicle body panel.

Brands Available: ABRO, YST, 3M, KENDO, and LORD
Standard Width: 50mm

3M





PVC TAPE

It is typically used to create air-tight seals on PVC fitting covers or seal overlapping joints of PVC jacketing. PVC tape provides good insulation, pressure resistance, flame resistance, and weather resistance.

Brands Available: ABRO, YST, 3M, KENDO, and LORD
Standard Width: 50mm

SILVER CLOTH DUCT TAPE

Made with double-thick adhesive, strong reinforced backing, and a tough all-weather shell this duct tape is great for projects and repairs both indoors and out. Silver Cloth Duct Tape sticks to smooth, rough and uneven surfaces, including wood, stone, stucco, brick, metal and vinyl.

Technical Index for Silver Cloth Duct Tape



High Quality, Economically Priced
Combines Excellent Adhesion and Tensile Strength for Ease of Application and Versatility
All Tape Widths and Lengths Available
Standard Width: 50mm
Length: 10 Yard
Thickness: 260 Micron
Brands Available: ABRO, YST, 3M, KENDO, and LORD

BUTYL TAPE

Butyl synthetic rubber adhesive is designed to provide a secure seal between metal panels in metal roofing and metal siding applications. When installed between each panel overlap, butyl tape forms an effective weather barrier against moisture, dirt, air, and allergens.



RUST REMOVER

Anti-rust spray is ideal for preventative maintenance and it is used in extreme environments such as high humidity. It provides non-drying protection that stays where you spray it so when you want to store parts or tools and not worry about rust when you go to use them, apply the Long-Term Anti-Rust Spray to prevent rust forming within that time.

Brands Available: WD-40, AKFIX, SOMAFIX, AND IRON OUT
Specifications: 100ML, 200ML, 330ML, and 400ML





PU FOAM SPRAY

Flexible Polyurethane Foams are used mainly for assembly of doors and windows, infilling applications, sound and heat insulations, waterproof barriers and insulation against fire. Polyurethane Foam reacts rapidly with moisture in the air and expands after application.

Brands Available: MAGIC, BISON, ABRO, AKFIX AND DOLPHIN



SILICONE SEALANT

Silicone sealants are commonly used to bind surfaces such as plastic, metal, and glass together. For example, aquariums are often sealed with silicone. Windows are often sealed to frames with silicone adhesive since it is weather resist.

Brands Available: HARRIS, ASMACO, GMSA, AND GENERAL



CERAMIC SOLUTION

A number of ceramic adhesives have been developed which offer a service temperature of up to 2200°C. These are based on inorganic binders such as alkali silicates and various metal phosphates, with a carbon, alumina, silica, magnesia or zirconia powder filler. These ceramic-based adhesives are available in one- or two-part systems, and have a physical form similar to organic adhesives. The binding agent typically undergoes a reaction with the ceramic powder to give a refractory ceramic that bonds to a ceramic base.

Brands Available: FIBERFRAX, LUYANG, AND MHS.

DUCT SEALANT

A versatile, all-purpose duct sealant for use on all types of metal duct, glass fiber duct board, and flex duct, as well as duct fabric and flexible tubing run outs. It incorporates a built-in polyester reinforcement for exceptional strength, with UV inhibitors for outdoor use.

Brands Available: ASMACO, ABRO, AND GENERAL







KLINGER REFLEX GLASS

The Quality of a sight (gauge) glass depends mainly on the chemical composition and mechanical strength of the glass material. Analyses and acid/alkali tests constantly ensure a high glass-quality. The mechanical strength is reached by thermal prestressing. KLINGER gauge glasses are suitable for installation in liquid level gauges of almost any type.

KLINGER transparent glasses are manufactured from “extra-hard” borosilicate glass. The surfaces on both sides are finely polished to ensure optimal transparency.

The side facing the medium chamber is provided with moulded grooves set at 90° angles. The moulding process increases the resistance of the glass grooves to wear on tear. This makes it extremely resistant to boiler water.

Product Advantages:

- Excellent mechanical strength
- Maximum smoothness and hardness
- Extremely resistant to boiler water
- Corrosion resistant
- Certified according to most international standards

Technical Index:

Article	Dimensions
A4	250X30X17MM
A5	250X30X17MM
A6	250X30X17MM
A7	280X30X17MM
A8	320X30X17MM
A9	340X30X17MM
B4	220X34X17MM
B5	220X34X17MM
B6	250X34X17MM
B7	280X34X17MM
B8	320X34X17MM
B9	340X34X17MM
B10	370X34X17MM



GAUGE GLASS

Diameter Range: ½”, 3/4”, 5/8” (Length up to 60”)



The Future is Green Energy With More Sustainability By Using MHS Insulation

CONTACT INFORMATION

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